

**Table 1. Nonfatal occupational injury and illness rates per 100 full-time workers<sup>1</sup> by industry division, 1995**

| Industrial sector                         | Total cases <sup>2</sup> | Lost workday cases |                                       | Median days away from work |
|-------------------------------------------|--------------------------|--------------------|---------------------------------------|----------------------------|
|                                           |                          | Total <sup>2</sup> | With days away from work <sup>3</sup> |                            |
| Private industry .....                    | 8.1                      | 3.6                | 2.5                                   | 5                          |
| Agriculture, forestry, and fishing .....  | 9.7                      | 4.3                | 3.4                                   | 5                          |
| Mining <sup>4</sup> .....                 | 6.2                      | 3.9                | 3.3                                   | 12                         |
| Construction .....                        | 10.6                     | 4.9                | 4.2                                   | 7                          |
| Manufacturing .....                       | 11.6                     | 5.3                | 2.9                                   | 5                          |
| Transportation and public utilities ..... | 9.1                      | 5.2                | 3.9                                   | 7                          |
| Wholesale trade .....                     | 7.5                      | 3.6                | 2.6                                   | 5                          |
| Retail trade .....                        | 7.5                      | 3.0                | 2.3                                   | 5                          |
| Finance, insurance and real estate .....  | 2.6                      | 1.0                | 0.8                                   | 5                          |
| Services .....                            | 6.4                      | 2.8                | 2.0                                   | 5                          |

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) X 200,000, where N=number of injuries and illnesses; EH=total hours worked by all employees during the calendar year; 200,000=base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Total includes cases involving restricted work activity only in addition to days-away-from-work cases with or without restricted work activity.

<sup>3</sup> Days away from work cases include those that result in days away from work with or without restricted work activity.

<sup>4</sup> Data conforming to OSHA definitions for mining operators in coal, metal and nonmetal mining are provided to BLS by the Mine Safety and Health Administration. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

**Table 2. Fatal occupational injuries and employment by industry, mining division, 1995**

| Industry                     | SIC code <sup>1</sup> | Fatalities |         | Employment               |                  |
|------------------------------|-----------------------|------------|---------|--------------------------|------------------|
|                              |                       | Number     | Percent | Number<br>(in thousands) | Percent          |
| Total .....                  |                       | 6,210      | 100     | 126,248                  | 100              |
| Private industry .....       |                       | 5,438      | 88      | 106,522                  | 84               |
| Mining .....                 |                       | 156        | 3       | 625                      | 1                |
| Coal mining .....            | 12                    | 43         | 1       | 114                      | ( <sup>2</sup> ) |
| Oil and gas extraction ..... | 13                    | 77         | 1       | 336                      | ( <sup>2</sup> ) |

<sup>1</sup> *Standard Industrial Classification Manual*, 1987 edition.

<sup>2</sup> Less than 0.05 percent.

**Table 3. Nonfatal occupational injury and illness rates per 100 full-time workers,<sup>1</sup> mining division, 1995**

| Industry                                    | SIC Code <sup>2</sup> | Total cases | Lost workday cases |                                       |
|---------------------------------------------|-----------------------|-------------|--------------------|---------------------------------------|
|                                             |                       |             | Total <sup>3</sup> | With days away from work <sup>4</sup> |
| Private industry .....                      |                       | 8.1         | 3.6                | 2.5                                   |
| Mining <sup>5</sup> .....                   |                       | 6.2         | 3.9                | 3.3                                   |
| Metal mining .....                          | 10                    | 5.2         | 2.8                | 1.9                                   |
| Iron ores .....                             | 101                   | 6.8         | 3.5                | 2.5                                   |
| Copper ores .....                           | 102                   | 3.6         | 1.8                | 1.6                                   |
| Lead and zinc ores .....                    | 103                   | 5.2         | 2.5                | 2.1                                   |
| Gold and silver ores .....                  | 104                   | 5.5         | 3.2                | 1.7                                   |
| Ferroalloy ores, except vanadium .....      | 106                   | 5.9         | 3.3                | 1.9                                   |
| Miscellaneous metal ores .....              | 109                   | 6.7         | 4.5                | 3.1                                   |
| Coal mining .....                           | 12                    | 9.1         | 6.7                | 6.3                                   |
| Bituminous coal and lignite mining .....    | 122                   | 9.0         | 6.7                | 6.3                                   |
| Anthracite mining .....                     | 123                   | 13.7        | 10.4               | 9.5                                   |
| Oil and gas extraction .....                | 13                    | 5.9         | 3.4                | 2.8                                   |
| Crude petroleum and natural gas .....       | 131                   | 2.4         | 1.0                | .8                                    |
| Oil and gas field services .....            | 138                   | 8.9         | 5.5                | 4.5                                   |
| Nonmetallic minerals, except fuels .....    | 14                    | 5.4         | 3.2                | 2.5                                   |
| Dimension stone .....                       | 141                   | 9.1         | 5.6                | 5.2                                   |
| Crushed and broken stone .....              | 142                   | 5.8         | 3.4                | 2.5                                   |
| Sand and gravel .....                       | 144                   | 4.9         | 3.1                | 2.7                                   |
| Clay, ceramic and refractory minerals ..... | 145                   | 4.6         | 2.9                | 2.2                                   |
| Chemical and fertilizer minerals .....      | 147                   | 3.6         | 2.2                | 1.5                                   |
| Miscellaneous nonmetallic minerals .....    | 149                   | 6.6         | 3.7                | 3.1                                   |

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) X 200,000, where N=number of injuries and illnesses; EH=total hours worked by all employees during the calendar year; 200,000=base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> *Standard Industrial Classification Manual*, 1987 edition.

<sup>3</sup> Total includes cases involving restricted work activity only in addition to days-away-from-work cases with or without re-

stricted work activity.

<sup>4</sup> Days away from work cases include those that result in days away from work with or without restricted work activity.

<sup>5</sup> Data conforming to OSHA definitions for mining operators in coal, the Mine Safety and Health Administration provide metal and nonmetal mining to BLS. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

**Table 4. Nonfatal occupational injury and illness rates per 100 full-time workers,<sup>1</sup> mining division, 1995**

| State and Industry                    | SIC Code <sup>2</sup> | Annual average employment (thousands) | Total cases | Lost workday cases |                                       |
|---------------------------------------|-----------------------|---------------------------------------|-------------|--------------------|---------------------------------------|
|                                       |                       |                                       |             | Total <sup>3</sup> | With days away from work <sup>4</sup> |
| <b>Alabama</b>                        |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 10.9                                  | 11.4        | 8.9                | 8.6                                   |
| <b>Alaska</b>                         |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 9.8                                   | 4.4         | 1.7                | 1.4                                   |
| Oil and gas .....                     | 13                    | 8.7                                   | 4.1         | 1.3                | 1.1                                   |
| <b>California</b>                     |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 29.2                                  | 5.3         | 3.1                | 2.0                                   |
| Oil and gas extraction .....          | 13                    | 21.5                                  | 4.9         | 2.7                | 1.4                                   |
| <b>Connecticut</b>                    |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 0.7                                   | 6.8         | 3.2                | 2.5                                   |
| <b>Florida</b>                        |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 6.9                                   | 3.2         | 1.7                | 1.1                                   |
| Nonmetallic minerals, except fuels .. | 14                    | 6.3                                   | 3.4         | 1.8                | 1.2                                   |
| <b>Georgia</b>                        |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 7.7                                   | 3.1         | 1.8                | 1.1                                   |
| <b>Indiana</b>                        |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 6.4                                   | 5.9         | 3.6                | 2.9                                   |
| <b>Kansas</b>                         |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 8.0                                   | 8.7         | 4.5                | 4.1                                   |
| Oil and gas extraction .....          | 13                    | 6.7                                   | 8.4         | 4.5                | 4.2                                   |
| <b>Kentucky</b>                       |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 25.1                                  | 9.1         | 7.0                | 6.8                                   |
| Coal mining .....                     | 12                    | 21.3                                  | 9.7         | 7.5                | 7.5                                   |
| Nonmetallic minerals, except fuels .. | 14                    | 2.6                                   | 5.1         | 3.5                | 3.2                                   |
| <b>Louisiana</b>                      |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 46.3                                  | 4.3         | 3.1                | 2.7                                   |
| Oil and gas extraction .....          | 13                    | 44.1                                  | 4.3         | 3.1                | 2.8                                   |
| <b>Massachusetts</b>                  |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 1.3                                   | 3.1         | 1.4                | 1.2                                   |
| <b>Michigan</b>                       |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 8.4                                   | 6.9         | 3.6                | 3.0                                   |
| <b>Minnesota</b>                      |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 7.8                                   | 6.0         | 3.0                | 1.9                                   |
| Metal mining .....                    | 10                    | 5.9                                   | 6.4         | 3.1                | 1.9                                   |
| <b>Montana</b>                        |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 5.3                                   | 5.9         | 3.7                | 2.9                                   |
| Metal mining .....                    | 10                    | 2.1                                   | 6.8         | 4.6                | 3.0                                   |
| Coal mining .....                     | 12                    | 1.0                                   | 3.4         | 2.2                | 1.5                                   |
| Oil and gas extraction .....          | 13                    | 1.4                                   | -           | 4.0                | 4.0                                   |
| Nonmetallic minerals, except fuels .. | 14                    | 0.7                                   | 6.9         | 2.9                | 2.3                                   |
| <b>Nevada</b>                         |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 13.2                                  | 5.2         | 3.1                | 1.5                                   |
| Metal mining .....                    | 10                    | 11.8                                  | 5.0         | 2.9                | 1.2                                   |
| Nonmetallic minerals, except fuels .. | 14                    | 1.3                                   | 7.0         | 4.3                | 3.5                                   |
| <b>New Jersey</b>                     |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 2.0                                   | 5.5         | 3.7                | 3.1                                   |
| <b>New Mexico</b>                     |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 16.0                                  | 6.3         | 3.1                | 2.4                                   |
| Oil and gas extraction .....          | 13                    | 10.1                                  | 7.8         | 3.5                | 2.5                                   |
| Nonmetallic minerals, except fuels .. | 14                    | 2.0                                   | 4.7         | 3.2                | 2.6                                   |
| <b>New York</b>                       |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 4.8                                   | 5.0         | 3.2                | 2.8                                   |
| <b>Oklahoma</b>                       |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 32.1                                  | 5.1         | 2.9                | 2.7                                   |
| Oil and gas extraction .....          | 13                    | 30.0                                  | 5.1         | 2.8                | 2.7                                   |
| <b>Rhode Island</b>                   |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 0.2                                   | 2.6         | 2.6                | 2.6                                   |
| <b>Tennessee</b>                      |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 4.6                                   | 5.4         | 3.2                | 2.9                                   |

**Table 4. Nonfatal occupational injury and illness rates per 100 full-time workers,<sup>1</sup> mining division, 1995—Continued**

| State and Industry                    | SIC Code <sup>2</sup> | Annual average employment (thousands) | Total cases | Lost workday cases |                                       |
|---------------------------------------|-----------------------|---------------------------------------|-------------|--------------------|---------------------------------------|
|                                       |                       |                                       |             | Total <sup>3</sup> | With days away from work <sup>4</sup> |
| <b>Texas</b>                          |                       |                                       |             |                    |                                       |
| Mining .....                          | 13                    | 155.9                                 | 4.8         | 3.3                | 2.6                                   |
| Oil and gas extraction .....          |                       | 147.7                                 | 4.9         | 3.3                | 2.6                                   |
| <b>Utah</b>                           |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 8.1                                   | 8.1         | 4.4                | 3.6                                   |
| <b>Virginia</b>                       |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 11.4                                  | 7.7         | 5.9                | 5.3                                   |
| Coal mining .....                     | 12                    | 7.8                                   | 9.1         | 7.3                | 6.7                                   |
| Nonmetallic minerals, except fuels .. | 14                    | 3.2                                   | 5.1         | 3.2                | 2.8                                   |
| <b>Washington</b>                     |                       |                                       |             |                    |                                       |
| Mining .....                          |                       | 3.3                                   | 5.4         | 2.8                | 2.4                                   |

<sup>1</sup>Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) X 200,000, where N=number of injuries and illnesses; EH=total hours worked by all employees during the calendar year; 200,000=base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> *Standard Industrial Classification Manual*, 1987 edition.

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#### Nonfatal occupational injury and illness rates, selected mining industries, 1995

